

**Flood Control Project Maintenance
Levee Inspections**

Fall 2013 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including USACE Erosion Survey

Sacramento River Basin

LD0002	Overall LMA Rating	Total LMA Miles						
Levee District No. 0002 (Glenn County)	A	4.89						
Rated Item	Maintenance Deficiency				Enforcement		Design & System Obsolescence	
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
<i>Earthen Levee</i>								
Encroachments					0.03			
Animal Control	0.32		0.32	6.54%				
<i>Supplemental</i>								
USACE Erosion Survey	0.01		0.01	0.20%				
DWR UCIP Field Study					0.21			
<i>LMA Totals:</i>	0.33	0.00	0.33	6.75%	0.24	0.00	0.00	0.00

**Flood Control Project Maintenance
Levee Inspections**
LMA District Cover Sheet
Fall 2013 Levee Inspection Results

Levee District No. 0002 (Glenn County)

	Spring (March - May)	Summer ** (June - August)	Fall (September - November)	Winter ** (December - February)
* Overall LMA Rating (Fall Only)			A	

** Non-receipt of Summer or Winter Inspection Reports may effect overall annual rating.

*
SPRING INSPECTIONS: Overall maintenance ratings are not determined for the spring inspection results. Individual maintenance deficiencies are rated using the same criteria in the spring and in the fall.

FALL INSPECTIONS: The overall maintenance rating shown above is based on operation and maintenance deficiencies identified within the attached unit inspection reports. This rating is not intended to be an indication of risk.

Comments

**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Fall 2013 Levee Inspection Results

Levee District No. 0002 (Glenn County)

Waterway			Bank	Unit Miles
Unit No. 01 Glenn County Sacramento River			Right	4.89
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			A	
Date of Inspection	03/06/2013 - 03/06/2013		10/02/2013 - 10/02/2013	
DWR Inspector	Bob Duffey		Bob Duffey	
Accompanied By	Dennis Clark		Dennis Clark	

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2013

Levee District No. 0002 (Glenn County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Glenn County Sacramento River	Right	4.89	10/02/2013 10/02/2013	Bob Duffey

LMR No.	Levee Mile		Category	Item	Location * + Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End					Start	End	
1			Earthen Levee	Operations & Maintenance Manuals	LS A Ma		°	°	14
DWR ID: DWR_LD0002_01_s_2013_14									
2			Earthen Levee	Emergency Supplies & Equipment	LS A Ma		°	°	17
DWR ID: DWR_LD0002_01_s_2013_17									
3			Earthen Levee	Flood Preparedness & Training	LS A Ma		°	°	18
DWR ID: DWR_LD0002_01_s_2013_18									
4	0.00	0.00	Supplemental	DWR UCIP Field Study	LS M En	Inspector Comments: FS_ID:17985 EP_NO: 2356 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 3 pipes found in the pump house. Pump house seems abandoned. Unable to locate pipes on the WS. FIELD_STRUCT_DESC: [Princeton-Cordora-Glenn Irrigation District: Schaad Pumping Plant] 1 of 3: 28-inch steel pipe sleeved through 30-inch steel pipe through the levee, 20.0 feet below the crown. Annular gap is grouted. Flap gate on landward end. Pump in pump house on landward slope. Rock revetment around outlet on waterward slope. FS Date: 8/22/2013	39.422282 ° -122.011795 °	39.422282 ° -122.011795 °	19
DWR ID: DWR_LD0002_01_f_2013_19									
5	0.00	0.00	Supplemental	DWR UCIP Field Study	LS M En	Inspector Comments: FS_ID:18014 EP_NO: 17124 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Marker found on WS 15' from toe. FIELD_STRUCT_DESC: 10-inch steel conduit extending along the landside toe. Conduit contains twelve 1.25-inch HDPE ducts with fiber optic cables. FS Date: 5/16/2013	39.414312 ° -122.010042 °	39.414312 ° -122.010042 °	20
DWR ID: DWR_LD0002_01_f_2013_20									
6	0.00	0.00	Supplemental	DWR UCIP Field Study	LS M En	Inspector Comments: FS_ID:18010 EP_NO: 18072 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Disturbed soil on the WS toe near the 3" PVC pipe. FIELD_STRUCT_DESC: 6-inch steel irrigation pipe through the levee, 2.0 feet below the levee. Provide a field description of this crossing. (Permit No. 18072-2006) FS Date: 5/16/2013	39.469908 ° -122.012117 °	39.469908 ° -122.012117 °	21 Y
DWR ID: DWR_LD0002_01_f_2013_21									

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2013

Levee District No. 0002 (Glenn County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Glenn County Sacramento River	Right	4.89	10/02/2013 10/02/2013	Bob Duffey

LMR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No.
	Start	End						Start	End	
7	0.00	0.00	Supplemental	DWR UCIP Field Study	WS	M En	Inspector Comments: FS_ID:17995 EP_NO: 17124 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Marker found on WS 15' from toe. FIELD_STRUCT_DESC: 10-inch steel conduit extending along the landside toe. Conduit contains twelve 1.25-inch HDPE ducts with fiber optic cables. FS Date: 5/16/2013	39.414312 ° -122.010042 °	39.414312 ° -122.010042 °	22
DWR ID: DWR_LD0002_01_f_2013_22										
8	0.00	0.00	Supplemental	DWR UCIP Field Study	WS	M En	Inspector Comments: FS_ID:17984 EP_NO: 17124 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Marker found on WS 15' from toe. FIELD_STRUCT_DESC: 10-inch steel conduit extending along the landside toe. Conduit contains twelve 1.25-inch HDPE ducts with fiber optic cables. FS Date: 8/22/2013	39.414312 ° -122.010042 °	39.414312 ° -122.010042 °	23
DWR ID: DWR_LD0002_01_f_2013_23										
9	0.00	0.00	Supplemental	DWR UCIP Field Study	WS	M En	Inspector Comments: FS_ID:18013 EP_NO: 17124 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Marker found on WS 15' from toe. FIELD_STRUCT_DESC: 10-inch steel conduit extending along the landside toe. Conduit contains twelve 1.25-inch HDPE ducts with fiber optic cables. FS Date: 5/16/2013	39.414312 ° -122.010042 °	39.414312 ° -122.010042 °	24 Y
DWR ID: DWR_LD0002_01_f_2013_24										
10	0.08	0.08	Supplemental	USACE Erosion Survey	WS	M Ma	Inspector Comments: 2009 - Very slow retreat, hard toe, encroaching into the levee projection. 2010 - Slowly eroding. 2011 - Site extended downstream. 2012: No observed change. [2012 Site ID: SAC_164-7_R]	39.417689 ° -122.010369 °	39.414649 ° -122.009853 °	6 Y
DWR ID:										
11	0.62	0.62	Supplemental	DWR UCIP Field Study	WS	M En	Inspector Comments: FS_ID:17994 EP_NO: 2356 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 3 pipes found in the pump house. Pump house seems abandoned. Unable to locate pipes on the WS. FIELD_STRUCT_DESC: [Princeton-Cordora-Glenn Irrigation District: Schaad Pumping Plant] 1 of 3: 28-inch steel pipe sleeved through 30-inch steel pipe through the levee, 20.0 feet below the crown. Annular gap is grouted. Flap gate on landward end. Pump in pump house on landward slope. Rock revetment around outlet on waterward slope. FS Date: 5/16/2013	39.422282 ° -122.011795 °	39.422282 ° -122.011795 °	25
DWR ID: DWR_LD0002_01_f_2013_25										

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2013

Levee District No. 0002 (Glenn County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Glenn County Sacramento River	Right	4.89	10/02/2013 10/02/2013	Bob Duffey

LMR No.	Levee Mile		Category	Item	* Location	** Rating	Action/Comment	GPS Latitude/Longitude		Issue No.
	Start	End						Start	End	

12	0.62	0.62	Supplemental	DWR UCIP Field Study	WS	M En	Inspector Comments: FS_ID:17988 EP_NO: 2356 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 3 pipes found in the pump house. Pump house seems abandoned. Unable to locate pipes on the WS. FIELD_STRUCT_DESC: [Princeton-Cordora-Glenn Irrigation District: Schaad Pumping Plant] 1 of 3: 28-inch steel pipe sleeved through 30-inch steel pipe through the levee, 20.0 feet below the crown. Annular gap is grouted. Flap gate on landward end. Pump in pump house on landward slope. Rock revetment around outlet on waterward slope. FS Date: 8/22/2013	39.422282 °	39.422282 °	26
								-122.011795 °	-122.011795 °	

DWR ID: DWR_LD0002_01_f_2013_26

13	0.62	0.62	Supplemental	DWR UCIP Field Study	WS	M En	Inspector Comments: FS_ID:17986 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 3 pipes found in the pump house. Pump house seems abandoned. Unable to locate pipes on the WS. FIELD_STRUCT_DESC: [Princeton-Cordora-Glenn Irrigation District: Schaad Pumping Plant] 2 of 3: 34-inch steel pipe sleeved through 36-inch steel pipe through the levee, 20.0 feet below the crown. Annular gap is grouted. Flap gate on landward end. Pump in pump house on landward slope. Rock revetment around outlet on waterward slope. (USACE-1955). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (Station 41+47). Pipes sleeved through pre-existing pipes, pump and parallel 28-inch pipe installed. FS Date: 8/22/2013	39.422314 °	39.422314 °	27
								-122.011803 °	-122.011803 °	

DWR ID: DWR_LD0002_01_f_2013_27

14	0.62	0.62	Supplemental	DWR UCIP Field Study	WS	M En	Inspector Comments: FS_ID:17993 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 3 pipes found in the pump house. Pump house seems abandoned. Unable to locate pipes on the WS. FIELD_STRUCT_DESC: [Princeton-Cordora-Glenn Irrigation District: Schaad Pumping Plant] 2 of 3: 34-inch steel pipe sleeved through 36-inch steel pipe through the levee, 20.0 feet below the crown. Annular gap is grouted. Flap gate on landward end. Pump in pump house on landward slope. Rock revetment around outlet on waterward slope. (USACE-1955). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (Station 41+47). Pipes sleeved through pre-existing pipes, pump and parallel 28-inch pipe installed. FS Date: 5/16/2013	39.422314 °	39.422314 °	28
								-122.011803 °	-122.011803 °	Y

DWR ID: DWR_LD0002_01_f_2013_28

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2013

Levee District No. 0002 (Glenn County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Glenn County Sacramento River	Right	4.89	10/02/2013 10/02/2013	Bob Duffey

LMR No.	Levee Mile		Category	Item	Location *	Rating ** +	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	

15	0.62	0.62	Supplemental	DWR UCIP Field Study	WS	M En	Inspector Comments: FS_ID:19705 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 3 pipes found in the pump house. Pump house does not appear to be in use. Unable to locate pipes on the waterward side. Will need to coordinate with owner and CVFPB regarding proper removal per Title 23 requirements. FIELD_STRUCT_DESC: [Princeton-Cordora-Glenn Irrigation District: Schaad Pumping Plant] 2 of 3: 34-inch steel pipe sleeved through 36-inch steel pipe through the levee, 20.0 feet below the crown. Annular gap is grouted. Flap gate on landward end. Pump in pump house on landward slope. Rock revetment around outlet on waterward slope. (USACE-1955). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (Station 41+47). Pipes sleeved through pre-existing pipes, pump and parallel 28-inch pipe installed. FS Date: 5/16/2013	39.422314 ° -122.011803 °	39.422314 ° -122.011803 °	29
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DWR ID: DWR_LD0002_01_f_2013_29

16	0.62	0.62	Supplemental	DWR UCIP Field Study	WS	M En	Inspector Comments: FS_ID:19724 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 3 pipes found in the pump house. Pump house seems abandoned. Unable to locate pipes on the WS. FIELD_STRUCT_DESC: [Princeton-Cordora-Glenn Irrigation District: Schaad Pumping Plant] 3 of 3: 34-inch steel pipe sleeved through 36-inch steel pipe through the levee, 20.0 feet below the crown. Annular gap is grouted. Flap gate on landward end. Pump in pump house on landward slope. Rock revetment around outlet on waterward slope. (USACE-1955). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (Station 41+47). Pipes sleeved through pre-existing pipes, pump and parallel 28-inch pipe installed. FS Date: 5/16/2013	39.422329 ° -122.011761 °	39.422329 ° -122.011761 °	30
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DWR ID: DWR_LD0002_01_f_2013_30

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2013

Levee District No. 0002 (Glenn County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Glenn County Sacramento River	Right	4.89	10/02/2013 10/02/2013	Bob Duffey

LMR No.	Levee Mile		Category	Item	Location * + Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End					Start	End	

17	0.62	0.62	Supplemental	DWR UCIP Field Study	WS M En	Inspector Comments: FS_ID:17992 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 3 pipes found in the pump house. Pump house seems abandoned. Unable to locate pipes on the WS. FIELD_STRUCT_DESC: [Princeton-Cordora-Glenn Irrigation District: Schaad Pumping Plant] 3 of 3: 34-inch steel pipe sleeved through 36-inch steel pipe through the levee, 20.0 feet below the crown. Annular gap is grouted. Flap gate on landward end. Pump in pump house on landward slope. Rock revetment around outlet on waterward slope. (USACE-1955). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (Station 41+47). Pipes sleeved through pre-existing pipes, pump and parallel 28-inch pipe installed. FS Date: 5/16/2013	39.422329 ° -122.011761 °	39.422329 ° -122.011761 °	31
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DWR ID: DWR_LD0002_01_f_2013_31

18	0.62	0.62	Supplemental	DWR UCIP Field Study	WS M En	Inspector Comments: FS_ID:17987 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 3 pipes found in the pump house. Pump house seems abandoned. Unable to locate pipes on the WS. FIELD_STRUCT_DESC: [Princeton-Cordora-Glenn Irrigation District: Schaad Pumping Plant] 3 of 3: 34-inch steel pipe sleeved through 36-inch steel pipe through the levee, 20.0 feet below the crown. Annular gap is grouted. Flap gate on landward end. Pump in pump house on landward slope. Rock revetment around outlet on waterward slope. (USACE-1955). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (Station 41+47). Pipes sleeved through pre-existing pipes, pump and parallel 28-inch pipe installed. FS Date: 8/22/2013	39.422329 ° -122.011761 °	39.422329 ° -122.011761 °	32
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DWR ID: DWR_LD0002_01_f_2013_32

19	0.62	0.62	Supplemental	DWR UCIP Field Study	WS M En	Inspector Comments: FS_ID:17989 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Unable to verify the pipe in the pump house. FIELD_STRUCT_DESC: [Pumping Plant] 24-inch steel pipe through the levee, 27.3 feet below the crown. Flap gate on landward side. Pump in pump house on landward side. (USACE-1955). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (Station 41+47). FS Date: 8/22/2013	39.422345 ° -122.011791 °	39.422345 ° -122.011791 °	33
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DWR ID: DWR_LD0002_01_f_2013_33

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2013

Levee District No. 0002 (Glenn County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Glenn County Sacramento River	Right	4.89	10/02/2013 10/02/2013	Bob Duffey

LMR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No.
	Start	End						Start	End	
20	0.62	0.62	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:17991 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Unable to verify the pipe in the pump house. FIELD_STRUCT_DESC: [Pumping Plant] 24-inch steel pipe through the levee, 27.3 feet below the crown. Flap gate on landward side. Pump in pump house on landward side. (USACE-1955). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (Station 41+47). FS Date: 5/16/2013	39.422345 ° -122.011791 °	39.422345 ° -122.011791 °	34
DWR ID: DWR_LD0002_01_f_2013_34										
21	1.04	1.04	Earthen Levee	Encroachments	WS	M En	BU : Building	39.428322 ° -122.010973 °	39.428322 ° -122.010973 °	8 Y
DWR ID: DWR_LD0002_01_s_2012_8										
22	1.05	1.05	Supplemental	DWR UCIP Field Study	WS	M En	Inspector Comments: FS_ID:17990 EP_NO: 9723 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Boxes on LS toe 2 splice. FIELD_STRUCT_DESC: Buried telephone cable through the levee. This line was retained under ABO No. 9723 (1974). Provide a field description of this crossing. FS Date: 5/16/2013	39.428441 ° -122.011032 °	39.428441 ° -122.011032 °	35
DWR ID: DWR_LD0002_01_f_2013_35										
23	1.06	1.06	Supplemental	DWR UCIP Field Study	WS	M En	Inspector Comments: FS_ID:17996 EP_NO: 9723 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Boxes on LS toe 2 splice. FIELD_STRUCT_DESC: Buried telephone cable through the levee. This line was retained under ABO No. 9723 (1974). Provide a field description of this crossing. FS Date: 5/16/2013	39.428584 ° -122.011021 °	39.428584 ° -122.011021 °	36 Y
DWR ID: DWR_LD0002_01_f_2013_36										
24	1.06	1.06	Supplemental	DWR UCIP Field Study	WS	M En	Inspector Comments: FS_ID:18016 EP_NO: 9723 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Boxes on LS toe 2 splice. FIELD_STRUCT_DESC: Buried telephone cable through the levee. This line was retained under ABO No. 9723 (1974). Provide a field description of this crossing. FS Date: 5/16/2013	39.428584 ° -122.011021 °	39.428584 ° -122.011021 °	37
DWR ID: DWR_LD0002_01_f_2013_37										
25	1.26	1.26	Earthen Levee	Encroachments	WS	M En	TR : Tree or limb	39.431499 ° -122.010803 °	39.431499 ° -122.010803 °	40 Y
DWR ID: DWR_LD0002_01_f_2013_40										

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2013

Levee District No. 0002 (Glenn County)

Waterway				Bank	Unit Miles	Inspection Start/End	Inspector	
Unit No. 01 Glenn County Sacramento River				Right	4.89	10/02/2013 10/02/2013	Bob Duffey	

LMR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No.
	Start	End						Start	End	
26	1.45	1.45	Earthen Levee	Animal Control	LS	M Ma	A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	39.434157 ° -122.010760 °	39.434157 ° -122.010760 °	4 Y
DWR ID: DWR_LD0002_01_f_2012_4										
27	1.54	1.62	Earthen Levee	Animal Control	LS	M Ma	A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	39.435485 ° -122.010640 °	39.436643 ° -122.010498 °	15 Y
DWR ID: DWR_LD0002_01_f_2012_15										
28	1.58	1.58	Earthen Levee	Animal Control	LS A/W	M Ma	A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	39.436149 ° -122.010525 °	39.436149 ° -122.010525 °	41 Y
DWR ID: DWR_LD0002_01_f_2013_41										
29	2.81	2.81	Earthen Levee	Animal Control	WSA/W	M Ma	A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	39.451841 ° -122.017120 °	39.451841 ° -122.017120 °	42 Y
DWR ID: DWR_LD0002_01_f_2013_42										
30	2.93	2.93	Earthen Levee	Encroachments	LS	M En	PR : Prunings	39.453490 ° -122.016457 °	39.453490 ° -122.016457 °	5 Y
DWR ID: DWR_LD0002_01_s_2013_5										
31	2.95	3.00	Earthen Levee	Animal Control	LS	M Ma	A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	39.453595 ° -122.016273 °	39.454003 ° -122.015503 °	2 Y
DWR ID: DWR_LD0002_01_s_2012_2										
32	3.10	3.18	Earthen Levee	Animal Control	LS	M Ma	A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	39.455145 ° -122.014287 °	39.455813 ° -122.013205 °	3 Y
DWR ID: DWR_LD0002_01_s_2012_3										
33	3.20	3.20	Earthen Levee	Animal Control	WS	M Ma	A1 : Exterminate rodents and backfill and compact or grout burrows.	39.455992 ° -122.012809 °	39.455992 ° -122.012809 °	12 Y
DWR ID: DWR_LD0002_01_s_2013_12										
34	3.20	3.20	Earthen Levee	Animal Control	LS	M Ma	A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	39.455992 ° -122.012808 °	39.455992 ° -122.012808 °	9 Y
DWR ID: DWR_LD0002_01_s_2013_9										
35	3.32	3.34	Earthen Levee	Animal Control	LS	M Ma	A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	39.456237 ° -122.010640 °	39.456272 ° -122.010163 °	16 Y
DWR ID: DWR_LD0002_01_f_2012_16										
36	3.56	3.61	Earthen Levee	Animal Control	LS	M Ma	A1 : Exterminate rodents and backfill and compact or grout burrows.	39.458803 ° -122.009980 °	39.459305 ° -122.010511 °	13 Y
DWR ID: DWR_LD0002_01_s_2013_13										
37	3.65	3.65	Earthen Levee	Slope Stability	LS	C Ma	S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.	39.459885 ° -122.010930 °	39.459885 ° -122.010930 °	10 Y
DWR ID: DWR_LD0002_01_s_2012_10										

*** Location**

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CR : Crown

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+ Issue Type

Ma : Maintenance Deficiency
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2013

Levee District No. 0002 (Glenn County)

Waterway				Bank	Unit Miles	Inspection Start/End	Inspector	
Unit No. 01 Glenn County Sacramento River				Right	4.89	10/02/2013 10/02/2013	Bob Duffey	

LMR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No.
	Start	End						Start	End	
38	3.70	3.70	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:18011 EP_NO: 16931 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Believed that steel pipe was not installed but PVC was installed and connect over the levee. Remove entry. FIELD_STRUCT_DESC: 8-inch steel irrigation pipe through the levee, 2.0 feet below the levee. Siphon breaker on waterward shoulder. Cutoff valve on landward side. Pipe connects to 8-inch PVC pipe extending past landward toe. (Permit No. 16931-2005) FS Date: 5/16/2013	39.461509 ° -122.011218 °	39.461509 ° -122.011218 °	38 Y
DWR ID: DWR_LD0002_01_f_2013_38										
39	4.34	4.34	Supplemental	DWR UCIP Field Study	LS	M En	Inspector Comments: FS_ID:19703 EP_NO: 18072 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Disturbed soil on the WS toe near the 3" PVC pipe. FIELD_STRUCT_DESC: 6-inch steel irrigation pipe through the levee, 2.0 feet below the levee. Provide a field description of this crossing. (Permit No. 18072-2006) FS Date: 5/16/2013	39.469908 ° -122.012117 °	39.469908 ° -122.012117 °	39 Y
DWR ID: DWR_LD0002_01_f_2013_39										
40	4.87	4.87	Earthen Levee	Animal Control	LS	M Ma	A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	39.476676 ° -122.017439 °	39.476676 ° -122.017439 °	11 Y
DWR ID: DWR_LD0002_01_s_2012_11										

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2013

Levee District No. 0002 (Glenn County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Glenn County Sacramento River	Right	4.89	10/02/2013 10/02/2013	Bob Duffey

Levee Mile Report Line	6
Start Levee Mile	0.00
End Levee Mile	0.00
Location	Water Side
Category	Supplemental
Item	DWR UCIP Field Study
3-inch PVC pipe exposed on waterward toe.	
UCIP_12117.jpg	



Levee Mile Report Line	9
Start Levee Mile	0.00
End Levee Mile	0.00
Location	Water Side
Category	Supplemental
Item	DWR UCIP Field Study
Indicator found on WS.	
UCIP_10132.jpg	



Levee Mile Report Line	10
Start Levee Mile	0.08
End Levee Mile	0.08
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey
USACE 2012 Photo #1	
USACE2013_SAC_164-7_R_1.jpg	



* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2013

Levee District No. 0002 (Glenn County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Glenn County Sacramento River	Right	4.89	10/02/2013 10/02/2013	Bob Duffey

Levee Mile Report Line	10
Start Levee Mile	0.08
End Levee Mile	0.08
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

USACE 2012 Photo #2

USACE2013_SAC_164-7_R_2.jpg



Levee Mile Report Line	10
Start Levee Mile	0.08
End Levee Mile	0.08
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

USACE 2012 Photo #3

USACE2013_SAC_164-7_R_3.jpg



Levee Mile Report Line	14
Start Levee Mile	0.62
End Levee Mile	0.62
Location	Water Side
Category	Supplemental
Item	DWR UCIP Field Study

View of Princeton-Cordora-Glenn Irrigation District--Schaad Pumping Plant.

UCIP_12131.jpg



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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2013

Levee District No. 0002 (Glenn County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Glenn County Sacramento River	Right	4.89	10/02/2013 10/02/2013	Bob Duffey

Levee Mile Report Line	21
Start Levee Mile	1.04
End Levee Mile	1.04
Location	Water Side
Category	Earthen Levee
Item	Encroachments

View of house along w/s toe.

rduffey_f_20130919_701.jpg



Levee Mile Report Line	23
Start Levee Mile	1.06
End Levee Mile	1.06
Location	Water Side
Category	Supplemental
Item	DWR UCIP Field Study

Indicator box found on LS toe.

UCIP_10140.jpg



Levee Mile Report Line	25
Start Levee Mile	1.26
End Levee Mile	1.26
Location	Water Side
Category	Earthen Levee
Item	Encroachments

View of the downed tree limb along the slope of the levee.

rduffey_f_20131021_098.JPG



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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2013

Levee District No. 0002 (Glenn County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Glenn County Sacramento River	Right	4.89	10/02/2013 10/02/2013	Bob Duffey

Levee Mile Report Line	26
Start Levee Mile	1.45
End Levee Mile	1.45
Location	Land Side
Category	Earthen Levee
Item	Animal Control

View of the rodent holes along the landside slope.

rduffey_f_20130919_696.JPG



Levee Mile Report Line	27
Start Levee Mile	1.54
End Levee Mile	1.62
Location	Land Side
Category	Earthen Levee
Item	Animal Control

View of the rodent holes along the landside slope.

rduffey_f_20130919_707.JPG



Levee Mile Report Line	28
Start Levee Mile	1.58
End Levee Mile	1.58
Location	Land Side
Category	Earthen Levee
Item	Animal Control

View of the rodent holes along the slope of the levee.

rduffey_f_20131021_099.JPG



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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2013

Levee District No. 0002 (Glenn County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Glenn County Sacramento River	Right	4.89	10/02/2013 10/02/2013	Bob Duffey

Levee Mile Report Line	29
Start Levee Mile	2.81
End Levee Mile	2.81
Location	Water Side
Category	Earthen Levee
Item	Animal Control

View of the rodent holes along the slope of the levee.

rduffey_f_20131021_100.JPG



Levee Mile Report Line	30
Start Levee Mile	2.93
End Levee Mile	2.93
Location	Land Side
Category	Earthen Levee
Item	Encroachments

View of the prunings along the landside toe.

rduffey_f_20130919_697.JPG



Levee Mile Report Line	33
Start Levee Mile	3.20
End Levee Mile	3.20
Location	Water Side
Category	Earthen Levee
Item	Animal Control

View of the rodent activity along the landside slope.

rduffey_f_20130919_705.JPG



*** Location**

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2013

Levee District No. 0002 (Glenn County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Glenn County Sacramento River	Right	4.89	10/02/2013 10/02/2013	Bob Duffey

Levee Mile Report Line	34
Start Levee Mile	3.20
End Levee Mile	3.20
Location	Land Side
Category	Earthen Levee
Item	Animal Control

View of the rodent activity along the waterside slope.

rduffey_f_20130919_702.JPG



Levee Mile Report Line	36
Start Levee Mile	3.56
End Levee Mile	3.61
Location	Land Side
Category	Earthen Levee
Item	Animal Control

View of the rodent activity along the landside slope.

rduffey_f_20130919_706.JPG



Levee Mile Report Line	38
Start Levee Mile	3.70
End Levee Mile	3.70
Location	Land Side
Category	Supplemental
Item	DWR UCIP Field Study

Pump system located near landward toe.

UCIP_12171.jpg



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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2013

Levee District No. 0002 (Glenn County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Glenn County Sacramento River	Right	4.89	10/02/2013 10/02/2013	Bob Duffey

Levee Mile Report Line	40
Start Levee Mile	4.87
End Levee Mile	4.87
Location	Land Side
Category	Earthen Levee
Item	Animal Control

View of the rodent holes along the levee slope.

rduffey_f_20130919_704.JPG



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